Comparing means or testing relationships? Means Relationships Ratio/interval or How many sample nominal/ordinal scale? means? Ratio/interval One Nominal/ordinal One-sample Descriptive or Chl-square test t test predictive? . O. Z. A. J. Holes Three or more **ANOVA** Two test Predictive Within subjects or Regression test Between subjects? Descriptive Within subjects Between subjects Pearson r test Paired samples Independent samples t test t test

Figure 14.2 Statistical Test Decision Flow Chart

NOTE: Answer each question about the study design to arrive at a test (tests are listed in bold).